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CTCTCTGTAACAACTCTCTTCTTCTCTCTCTTTCTCTTTTCATTTCAAGCTTCACCA  
TCTCAGTCTTTATACAGAGAAATCCATCAGCTTATAAGCTTCAAAGACGTTCTTCTGAC  
AAGAATCTTCTCCCAGACTGGTCTTCCAACAAAACCCGTGTACTTTTCGATGGCGTTACT  
TGCAGAGACGACAAAGTTACTTCGATTGATCTCAGCTCCAAGCCTCTCAACGTCGGATT  
AGTGCCGTGTCCTCGTCTCTCCTGTCTCTCACC GGATTAGAGTCTCTGTTTCTCTCAAAC  
TCACACATCAATGGCTCCGTTTCTGGCTTCAAGTGCTCTGCTTCTTTAACCAGCTTGGAT  
CTATCTAGAACTCTCTTTCGGGTCTCTGTAACGACTCTAACAAGCCTTGGTTCTTGCTCC  
GGTCTGAAGTTTCTTAACGTCTCTTCCAATACACTTGATTTTCCCGGGAAGTTTCAGGT  
GGGTTGAAGCTAAACAGCTTGAAGTTCTGGATCTTTCTGCGAATTCAATCTCCGGTGCT  
AACGTCGTTGGTTGGGTCTCTCCGATGGGTGTGGAGAGTTGAAACATTTAGCGATTAGC  
GGAAACAAAATCAGTGGAGACGTCGATGTTTCTCGCTGCGTGAATCTCGAGTTTCTCGAT  
GTTTCTCTCCAACAATTTCTCCACTGGGATTCTTTCTCGGAGATTGCTCTGCTCTGCAA  
CATCTTGACATCTCCGGGAACAAATTATCCGGCGATTCTCTCCGTGCTATCTCTACTTGC  
ACAGAGCTCAAGTTGTTGAACATCTCTAGTAACCAATTCGTCGGACCAATCCCTCCGCTA  
CCGCTTAAAAGTCTCCAATACCTCTCTCTGGCCGAGAACAATTACCGGCGAGATCCCT  
GACTTTCTCTCCGGCGCGTGTGATACACTACTGGTCTCGATCTCTCTGGAATCATTTCT  
TACGGTGCGGTTCCCTCCATTCTTCGGTTCATGTTCTCTCTCGAATCACTCGCGTTGTCTG  
AGTAACAACCTCTCTGGCGAGTTACCGATGGATACGTTGTTGAAGATGAGAGGACTCAA  
GTACTTGATCTGTCTTTCAACGAGTTTTCCGGCGAATTACCGGAATCTCTGACGAATCTA  
TCCGCTTCGTTGCTAACGTTAGATCTCAGCTCCAACAATTTCTCCGGTCCGATTCTCCCA  
AATCTCTGCCAGAACCCTAAAAACACTCTGCAGGAGCTTTACCTTCAGAACAATGGCTTC  
ACCGGGAAGATTCCACCGACTTTAAGCAACTGTTCTGAGCTGGTTTTCGCTTCACTTGAGC  
TTCAATTACCTCTCCGGGACAATCCCTTCGAGCTTAGGCTCTCTATCGAAGCTTCGAGAT  
CTGAAACTATGGCTGAATATGTTAGAAGGAGAGATCCCTCAGGAGCTCATGTATGTCAAG  
ACCTTAGAGACTCTGATCCTCGACTTCAACGATTTAACC GGTTAAATCCCTCCGGTTTA  
AGTAAGTGTACCAATCTTAAGTGGATTTCTCTGTGCAATAACCGGTTAACC GGTTGAGATT  
CCGAATGGATTGGCCGGTTAGAGAATCTCGCTATCCTCAAGTTAAGCAACAATTCATTC  
TCCGGGAACATTCCGGATGAGCTCGGCGACTGCAGAAGCTTAATCTGGCTTGATCTCAAC  
ACCAATCTCTTCAATGGAACGATTCCGGCGGCGATGTTTAAACAATCCGGGAAAATCGCT  
GCCAATTTTCATCGCCGGTAAGAGGTACGTTTATATCAAAAACGATGGGATGAAGAAAGAG  
TGTCATGGAGCTGGTAATTTACTTGAGTTTCAAGGAATCAGATCCGAACAATTAACCGG  
CTTTCAACGAGGAACCCTTGTAAATATCACTAGCAGAGTCTATGGAGGTCACACTTCGCCG  
ACGTTTGATAACAATGGTTTCGATGATGTTTCTGGACATGTCTTACAACATGTTGTCTGGA  
TACATACCGAAGGAGATTGGTTCGATGCCTTATCTGTTTATTCTCAATTTGGGTCATAAC  
GATATCTCTGGTTCGATTCTCTGATGAGGTAGGTGATCTAAGAGGTTTAAACATTCTTGAT  
CTTTCAAGCAATAAGCTCGATGGGAGGATTCTCAGGCTATGTCAGCTCTTACTATGCTT  
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CGGTGTGATCCTTCAAATGCAGACGGTTATGCTCATCATCAGAGATCTCATGGAAGGAGA  
CCAGCGTCCCTTGCTGGTAGTGTGGCGATGGGATTGTTGTTCTCTTTTGTGTGTATATTT  
GGGCTGATCCTTGTTGGTAGAGAGATGAGGAAGAGACGGAGAAAGAAAGAGGCGGAGTTG  
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AAGCTGACTGGTGTGAAAGAAGCCTTGAGTATCAATCTTGCTGCTTTCGAGAAGCCATTG  
CGGAAGCTCACGTTTGCGGATCTTCTTCAGGCTACCAATGGTTTCCATAATGATAGTCTG  
ATTGGTTCTGGTGGGTTTGGAGATGTTTACAAAGCGATTTTGAAAGATGGAAGCGCGGTG  
GCTATCAAGAACTGATTCATGTTAGCGGTCAAGGTGATAGAGAGTTTATGGCGGAGATG  
GAAACCATTGGGAAGATCAAACATCGAAATCTGTGCCTCTTCTTGGTTATTGCAAAGTT

FIGURE 1A

GGAGACGAGCGGCTTCTTGTTAATGAGGTTATGAAGTATGGAAGTTTAGAAGATGTTTTG  
CAAGACCCCAAGAAAGGTGGGGTGAACTTAAATTGTCCACACGGCGGAAGATTGCGATA  
GGATCAGCTAGAGGGCTTGCTTTCCTTCACCACAACCTGCAGTCCGCATATCATCCACAGA  
GACATGAAATCCAGTAATGTGTTGCTTGATGAGAATTTGGAAGCTCGGGTTTCAGATTTT  
GGCATGGCGAGGCTGATGAGTGCGATGGATACGCATTTAAGCGTCAGTACATTAGCTGGT  
ACACCGGGTTACGTTCCCTCCAGAGTATTACCAAAGTTTCAGGTGTTCAACAAAAGGAGAC  
GTTTATAGTTACGGTGTGGTCTTACTCGAGCTACTCACGGGTAAACGGCCAACGGATTCA  
CCGGATTTTGGAGATAACAACCTTGTTGGATGGGTGAAACAGCACGCAAACTGCGGATT  
AGCGATGTGTTTGACCCGGAGCTTATGAAGGAAGATCCAGCATTAGAGATCGAACTTTTA  
CAACATTTAAAAGTTGCGGTTGCGTGTTTGGATGATCGGGCTTGGAGACGACCGACAATG  
GTACAAGTCATGGCCATGTTTAAAGGAGATACAAGCCGGGTCAGGGATAGATTACAGTCA  
ACGATCAGATCAATAGAGGATGGAGGGTTCAGTACAATAGAGATGGTTGATATGAGTATA  
AAAGAAGTTCCTGAAGGAAAATTATGAGAGTTAGAAACAGAGCCAAAGCAGATTCTTTGA  
ACATCAAAATCATCTAAGGGTCAGTCCGATTTTCCTTGGGTCTATTTTTTTTGTATTTTC  
TACTATATGCTAAGTGTATGTATCTATGTTATTTATACATAAGACGGATGTTTTTTTTT  
CGGGCTCGGTCGAATTGGGGGTGGTGGAGAATAGAACTAAGTAATAACTTTGTTAAGAAT  
ATGTAAATATACAGTTTTTTGGGGAGGGATTGTAATGTTTTCGTTTTTAGTTCTATGGA  
AATTTCTACGTTGCTAACAAATTAATTTATAATGAATCATGAAGAAACAAAGAGCCAAT  
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TGTCGGAATTAATTTGGGGAATTC

FIGURE 1B



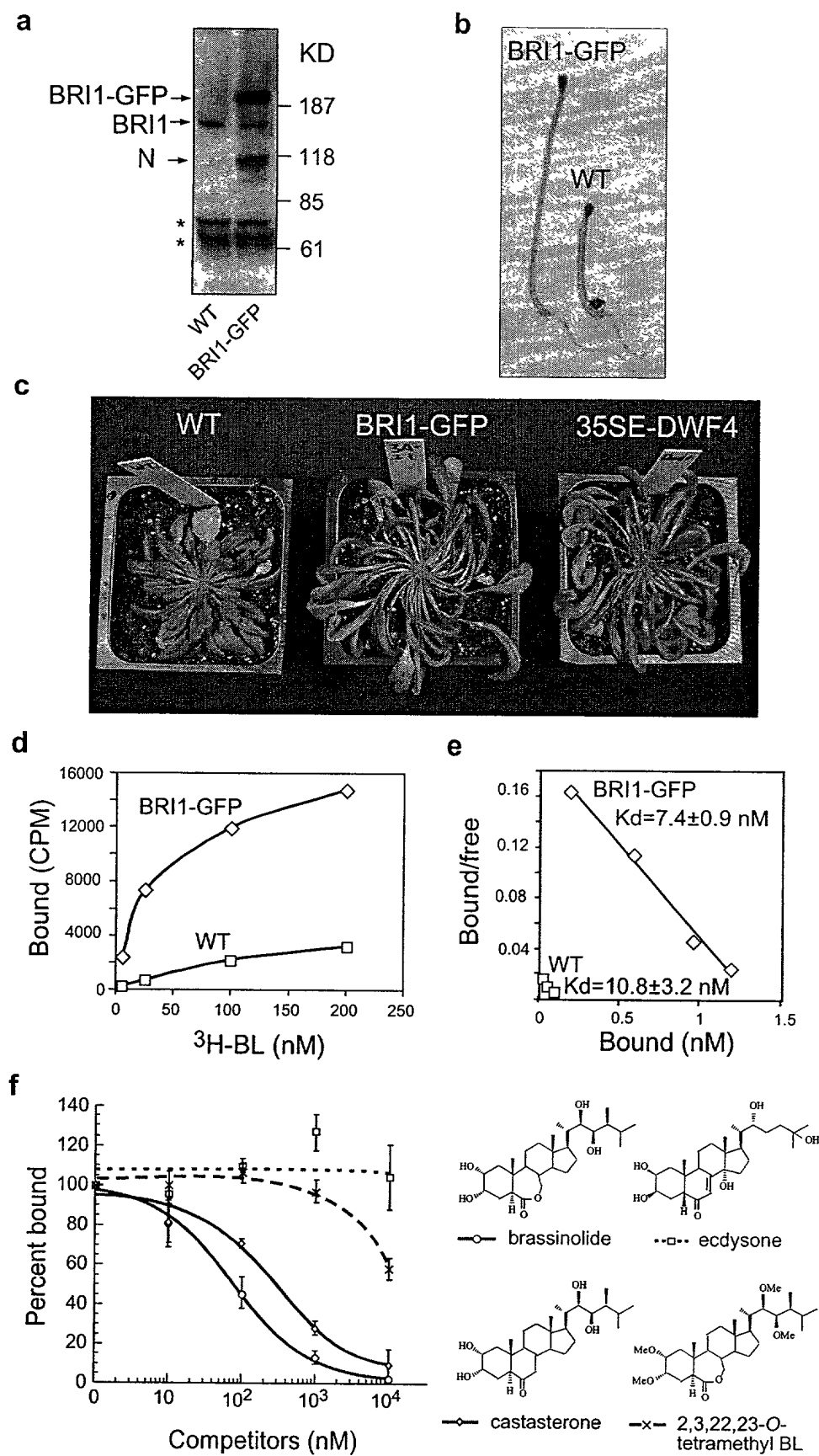


FIG. 2

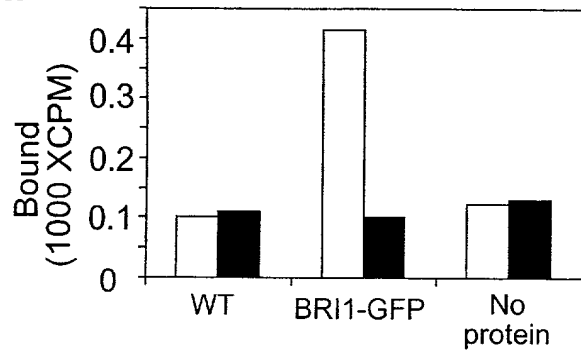
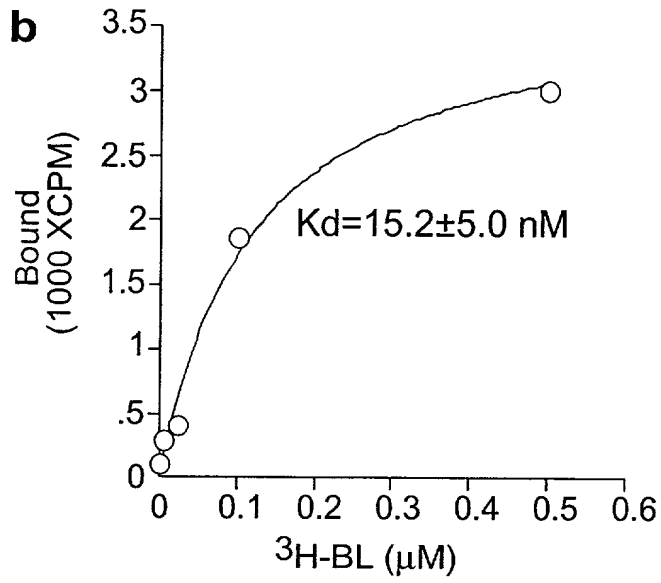
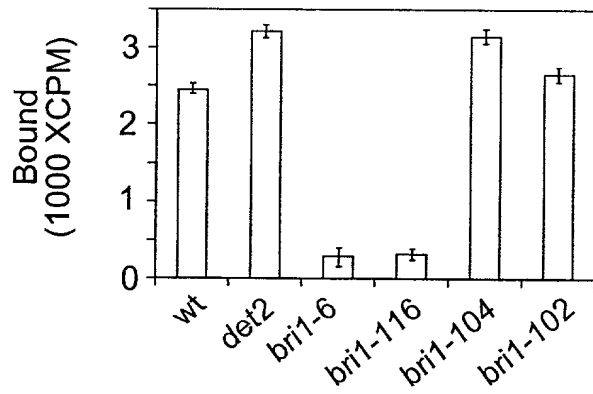
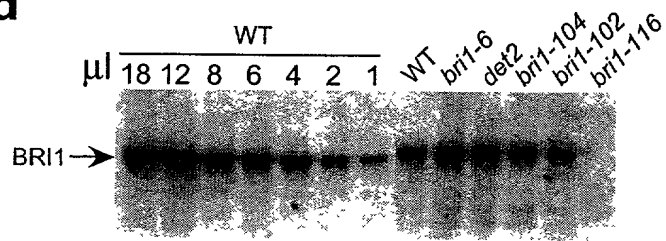
**a****b****c****d**

FIG. 3

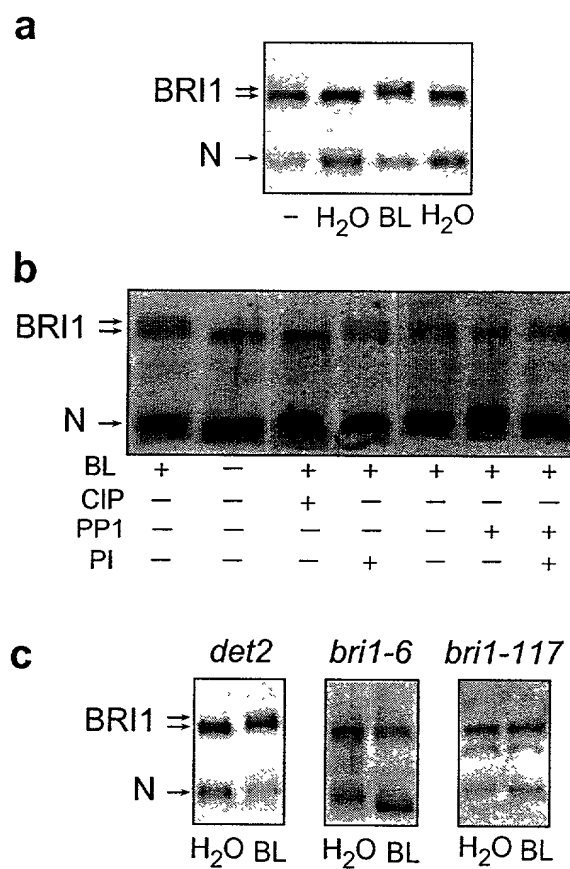


FIG. 4